F. S. Department of Apriculture.

Catalogue of

South African Flowering Plants

1937 Season.



Grass-leaved Gladiolus Hybrid. Brownish-red on cream and yellow.

John Martley, A.R.C.S., M.Sc.
Banhoek, Stellenbosch, South Africa.

Somerset Press, Somerset West.

This season I have included a number of fresh items. Among these are a number of items of which only seed will be available this season and where bulbs will be available in the following season the price per dozen is given for the convenience of those customers who would like to order in advance. As seed may be limited in some cases customers are asked to give alternative choice.

Many of our most attractive native flowers can readily be grown in the open in England. A few words on how they grow in South Africa will make it easy to adapt their cultivation to conditions in

the Northern Hemisphere.

A large number of the bulbs listed flower in the Cape in spring (September). They start growth with the first rains in the autumn (April) and continue growth during the winter. They flower with the returning warmth and set seed and die down as the heat and dryness of summer come on. These bulbs are well ripened and ready for delivery in January and are in time for planting in the English spring and are ready to adopt the coming summer for their next flowering period.

For cultivation out of doors they may be either planted in pots under glass and later plunged in their flowering positions or else planted out directly in the open, say in April, in a southern aspect. Do not omit to keep them well watered as in the Cape they grow in

the wet season.

All the species respond to the same cultural conditions as the well known Freesias and Ixias.

For those who have not grown our bulbs, I am confident the following selection will give satisfaction:—Lachenalia tricolor var. aurea, Ixia spp., Tritonia hyalina, Sparaxis tricolor and hybrids, Babiana disticha, Gladiolus tristis, G. Pappei, Watsonia aletroides. For a border Dorotheanthus criniflorus makes a showy subject treated as a half-hardy annual. The Watsonias are handsome subjects grown near water. The Succulents are very fascinating plants and easily raised from seed. Remembering that they require good drainage and cannot stand damp and cold combined, their cultivation offers no difficulty.

Bulbs.—The majority of bulbs are available for despatch from December to the end of March. Evergreen species and summer bloomers available somewhat later. The price of bulbs per 100

is six times the dozen price.

Seed.—Seed of all species, sixpence per packet. Seed of most species is harvested between October and December. Canada and U.S.A., 15 cents a packet, 8 packets or over at eight packets a dollar.

Dollar bills accepted.

Terms.—Cash with Order. For postage and packing, one shilling on all orders under ten shillings. Seeds alone, post free. Fractional orders of a dozen or a hundred must not be less than ½ dozen or fifty respectively.

Great Britain and Ireland.—Money Order or British Postal Order

with order.

Other Countries.—International Money Order or Banker's Draft with order; current exchange on sterling. Canadian and U.S.A. dollar bills accepted.

Canada.—For bulbs obtain permit and mailing tags from Canadian Department of Agriculture, Ottawa, to send with order. They are readily granted and prevent delay in delivery.

U.S.A.—For bulbs obtain permit and mailing tags from U.S. Department of Agriculture, Washington, D.C.

No permit is required by either country for the import of seeds of garden plants and bulbs.

LILIACEÆ.

LILIACEAE.
Agapanthus umbellatus.—Small mountain variety, leaves 8 ins., stem 15 ins., with an umbel of deep blue flowers, lette summer.
with an umbel of deep blue flowers, late summer 1s. each. Scilla prasina.—A spray of small mauve flowers, very dainty 53. per doz.
Eucomis undulata.—Flowers yellow green, very attractive, large bulb.
1s. each
Ornithogalum thyrsoides.—The famed Cape Chincherinchee; last for weeks
as cut flower; similar to Star of Bethlehem; flowers white with brownish centre
Ornithogalum sp.—Probably a variety of O. thyrsoides, flowers double in a
large handsome plume. No seed
 O. lacteum.—The Darling Chincherinchee, pure white; flowers later than the Cape Chincherinchee
1s. 6d. per doz.
3s. 6d. per doz.
0. splendens.—Leaves grey-green, stem 15 ins., flowers a brilliant orange
red; must be grown in a very well-drained situation 5s. per doz.
O. aureum.—1 ft., flowers deep yellow
black centre
U. graminifolium.—I the linear leaves white and green 3s 6d nor doz
O. Hermannii.—Flowers creamy-white
O. Saundersiae.—The Giant Ornithogalum, 5 ft., white 5s. per doz.
Abuca minor.—Spike 12 ins. with a number of drooping buff and green
flowers like large snowdrops
LACHENALIAS.—This is a very attractive group of bulbs of easy cultiva-
tion. The flowers last a very long time. The larger species are very
effective when bedded out in mass. All are excellent for pots, 6 to 12
or more according to size in a 4 in. pot. The smaller species are very
dainty in a large range of pastel shades. Easily grown from seed and if not sown too thickly can usually be flowered in the same tin in the
following season.
Lachenalia rubida.—One of the earliest to flower, stem 4½ ins. with hanging
crimson flowers
L. pendula.—Flowers early, stem 8 ins. with twenty or more hanging crimson
blooms tipped with grey, protruding segments green, 13 ins.
4s. 6d. per doz.
L. pendula var. —Daintier than the type, flowers smaller and more numerous. 4s. per doz.
L. tricolor var. Nelsonii.—Robust, leaves large spotted, stems 12 to 15 ins
with fifteen to twenty hanging golden bells, 1\frac{1}{4} ins., top of spike tinged
red
L. tricolor var. aurea.—Like the first form of the above but without the
red tinge
L. tricolor var. quadricolor.—Flowers banded orange, yellow, green, with
red tip
L. liliiflora hybrid.—White, florets edged violet 5s. per doz.
L. elegans.—Close spike of small lavender-blue flowers, 10 ins 3s. per doz.
L. purpureo-cerulea.—A striking species, spikes 15 ins, with small layender
and deep violet flowers
nowers spreading, grey-blue, tinged with dull rose 1s. 6d. doz.: 9s. 100
L. unifolia var.—Similar to above, but tinged with green 1s. 6d. doz : 9s. 100
L. rosea.—Similar to the above, leaf upright, flowers pink, often shading
to blue at the base
flowers tinged with violet, faintly scented 1s. 6d. per doz.
* No seed this season.
† No bulbs this season.



Lachenalias. Left to right: -L. juncifolia, L. orchioides, L. unicolor, L. rosea, L. unifolia and L. undulata.

L. Glaucina.—8 ins., steel blue, tinged violet 3s. per doz.	
L. glaucina var. pallida.—Fairly robust, stem 8 to 10 ins., with close-set	,
greenish to lemon-yellow flowers, later turning russet-brown . 1s. 6d. doz.	
L. orchioides.—Spike 6 ins., of small creamy-white flowers 1s. 6d. per doz.	
L. contaminata.—A small species with white flowers 1s. 6d. per doz.	
L. juncifolia.—A small pale mauve species 15. 6d. per doz.	
L. undulata.—5 ins., yellow, with maroon edge, blue tip 4s. per doz.	
L. unicolor.—Spike 4 ins., closely covered with small pink flowers.	
2s. 6d. per doz.	
L. unicolor major.—9 ins., small lavender flowers 5s. per doz.	
L. membranacea. —Leaves large, blotched with brown; spike 12 ins. with	
small greenish-white flowers changing to russet 2s. 6d. per doz.	
The next seven are new species just brought into cultivation.	
All are small flowered in attractive pastel shades.	
Lachenalia Bachmannii.—White, 4 ins. 5s. per doz.	
L. Gillettii.—Mauve and yellow, 6 ins. 55. per doz.	
1 1 1 1 1 TO 1 TO 1	
AAIG-AI- NT: 1 / M :	
L. Roodiae.—Purple, 6 ins. 5s. per doz.	
L. suaveolens.—Violet, 5 ins. 5s. per doz.	
L. Willemsii.—Pink. 5s. per doz.	
Lachenalias mixed.—One each of the above	

IRIDACEÆ.

^{*} No seed this season.

[†] No bulbs this season.

M. papilionacea.—Stem short, branched 6 ins., bearing numerous flowers in succession, brick-pink with yellow eye, $1\frac{1}{2}$ ins. across 2s. 6d. per doz.

M. tripetala.—Stems thin, 10 ins., bearing numerous small blue iris-like

M. ramosa.—Waterside leafy stem with numerous yellow flowers.

3s. 6d. per doz.

M. bicolor.—Fibrous rooted evergreen, 4 ft., yellow and maroon; seed only. Homeria lilacina.—10 in. wiry stem with numerous lilac flowers; very effect-

with numerous large blooms in flower over a long period.

3s. 6d. per doz.

Ferraria species, mixed.—Dusky frilled flowers on leafy stems.

3s. 6d. per doz.

In Moreas, Homerias and Ferrarias the flowers only last the day, but as they are produced in quick succession, the bulbs are generally in bloom for several weeks.

Hexaglottis longifolia.—3 ft. reed-like stems spaced with yellow flowers.

Aristea cyanea.—Fibrous-rooted evergreen, lobelia-blue; makes a good edging. Seed only.

A. capitata.—Fibrous-rooted evergreen, flowering stem 5 ft., with tufts of

vivid blue flowers. Seed only.

Ixia scariosa.—One of the earliest to flower; stems delicate, 18 ins., with a lax spray of pale lavender blooms 1s. per doz.; 6s. per 100 l. patens.—Leaves 8 ins., stem 15 ins., with a spike of rich pink blooms, 1s. 6d. doz.; 9s. 100 Ixia sp.—Leaves grass-like, 6 ins., stem slender and wiry, 20 ins., with an

"ear" of delicate bowl-shaped pink flowers, 1 in. or more across. 1s. 6d. per doz. 1. viridiflora.—Leaves long, narrow, upright 2 ft., flower spray 3 ft., flowers

green with blue-black centre, $1\frac{3}{4}$ ins. across 2s. 6d. per doz. 1. viridiflora var.—Leaves broad 7 ins., stem 18 ins., with an "ear" of large

green flowers with dark reddish centre, 2 ins. across ... 2s. 6d. per doz. columellaris.—A small species, stem 7 ins., flowers violet with brown centre, $1\frac{1}{4}$ ins. 1s. 6d. per doz.

1. maculata.—Stems wiry, 12 ins., bearing a head of yellow flowers $1\frac{1}{2}$ ins. 1. Rouxii.—12 ins., flowers large dusky white with large dark eye.

2s. 6d. per doz.

I. ovata.—15 ins., flowers large rose with blue eye 2s. 6d. per doz. Ixias.—The above species in mixture 1s. 6d. per doz. Dierama pendula.—Evergreen, leaves narrow upright, 2 ft., stem thin and wiry, 3 ft., with large hanging bell-shaped pink blooms, very graceful.

D. pulcherrima.—Flowers dark purple.

Melasphaerula graminea.—One of the daintiest of bulbs. Leaves Freesia-like. 18 in. branched Gypsophila-like sprays of small cream-coloured flowers.

3s. 6d. per doz. Tritonia hyalina.—Leaves in 8-in. fan, stems with six to twelve large bowlshaped flowers; in three varieties, all 2s. 6d. per doz:; 15s. per 100

Flowers shading from orange, apricot to pink, $2\frac{1}{2}$ ins., stems 1. green, 15 ins.

Flowers a bright salmon pink, 2 ins., stems dark, 15 ins.

3. Flowers reddish, edge of segments transparent, 2 ins., stems dark, 15 ins.

T. securigera.—Somewhat smaller than the above and blooming later, orange.

2s. 6d. per doz. Tritonia deusta.—Like the next above but colour deeper and with brown

T. pallida.—Short sprays of veined white flowers 3s. 6d. per doz. * No seed this season.

† No bulbs this season.



Tritonia hyalina No. 2.-Seven days after picking.

1	
,	T. lineata.—18 ins., flowers veined, pale cream 1s. 6d. per doz.
4	Tritonia species.—Autumn flowering, 18 in. branched sprays brick-pink
7	
1	flowers with greenish lip
	dark ring
	Sparaxis tricolor. Smaller than the per doz.; 15s. per 100
	Sparaxis tricolor.—Smaller than the succeeding, brilliant red and yellow.
	Sparavis tricolor Torres : 10: 6d. per doz.
	Sparaxis tricolor.—Leaves in 10-in. fan, stems 12 to 15 ins., with four to
K.	colouring round the yellow throat, $1\frac{1}{2}$ ins. across 2s. per doz.
La	Sparaxis-Strentanthera Hybrids In 12 in Strentanthera Hybrids In
	Sparaxie-Streptanthera Hybrids.—In varied shades and central markings.
	Synnotic hisology Habit of G. 38. per 100; 6d. per doz.
W.	Synnotia bicolor.—Habit of Sparaxis, flowers lavender and yellow.
-	
	The first the fi
	Thurb larger than the above stome longer and d
	blue
	B. villosa.—Stems 12 ins. with crimson bowl shored 4.
	B. villosa.—Stems 12 ins. with crimson bowl-shaped flowers, 1½ ins. across.
	B. disticha.—Similar to B. stricta, in shades of blue, mauve, pink, and
	purple D. stricta, in snades of blue, mauve, pink, and
	purple
	Provers early, stems very short with four to six flowers. 14 ins.
	across, lavender blue with cream and crimson markings in throat, scented.
	B. Rainesii Tile D. Plicata lad l. 28. per doz.
	TIRE D. DIICATA DIII larger gented
	A more robust plant stome ly ing bromel l
	set with large white flowers, $1\frac{1}{2}$ ins. across 18s. per 100 3s. per doz.
	Babianas.—The above species in mixture.
	Babianas.—The above species in mixture
	No seed this season.
	† No bulbs this season.
	4

Gladiolus.—Slender grass-leaved species:—

Hybrids.—In a season or two several grass-leaved Gladiolus hybrids should be available for listing. One is illustrated on the frontispiece.

G. gracilis.—Stems 10 to 15 ins., with two or three pale blue scented blooms sometimes flushed with pink, 1 in. across, very dainty .. 3s. 6d. per doz.

G. villosus.—Similar to G. gracilis but more robust, flowers pink.



Gladiolus recurvus (upper)

Gladiolus Watermeyeri (lower)

G. recurvus.—More robust, stems 12 to 20 ins., with four to twelve or more lavender or light violet blooms with cream band in throat, 1½ to 2 ins. across; depth of colour and tone variable, generally very sweetly scented. 2s. 6d. per doz.; 15s. per 100

Also the yellow form with shorter stem, scented 3s. 6d. per doz. G. debilis.—Delicate 10 in. stem with two open white blooms with three

...... 3s. 6d. per doz. carmine spots G. alatus.—Stem 8 to 10 ins., with six or more open wide awake blooms, 2 ins. across, terra-cotta red with greenish-yellow tongue, scented of 2s. 6d. per doz.; 15s. per 100 Also the form with rose-pink blooms 3s. 6d. per doz.

G. orchidiflorus.—Stems up to 17 ins. often branched with 8 or more scented

flowers, green softly marked with brown, $1\frac{1}{2}$ ins. 5s. per doz. G. Watermeyeri.—Stems up to 7 ins. with 2 or 3 blooms; creamy-buff boldly veined with dull crimson, green bar on tongue 5s. per doz.

G. tristis.—Leaves reed-like, $1\frac{1}{2}$ ft., stems up to 2 ft. with two to five large lily-like cream blooms, $2\frac{1}{4}$ ins. across, sweetly scented in the evening.

G. grandis.—The Brown Afrikander Lily. Stem 18 ins., with two or three large carnation scented lily-like blooms, 23 ins., across, brown or dull crimson on cream background 2s. 6d. per doz.

^{*} No seed this season.

[†] No bulbs this season.



Gladiolus grandis.-The Brown Afrikander.

G. Martleyi.—A recently described autumn flowering species, stem 15 ins., with six or more small pink blooms, 1 in. across, with delicate throat markings 3s. 6d. per doz. G. maculatus.—An autumn flowering species, like G. grandis, but flower smaller 3s. 6d. per doz. G. brevifolius.—Similar to G. villosus, autumn-flowering, pink. 3s. 6d. per doz. Homoglossum Merianellum.—" Flames." Habit of the grass-leaved Gladioli, stem 18 ins. with up to six orange-red blooms 3s. 6d. per doz. H. Watsonium.—The Small Red Afrikander. Thin stem with several small Gladiolus.—Broad leaved more robust species:-G. blandus.—Leaves 8 ins., stems 12 ins., often branched, flowers pink. 3s. 6d. per doz. G. cuspidatus.—Leaves 8 ins., stems 12 ins., flowers creamy-yellow with attractive pink with deeper markings, flowers mid-summer, 3s. 6d. per doz. G. odoratus. Stem 12 ins., sometimes branched with twelve or more dark red-brown flowers, 2 ins. across, carnation scented; flowers autumn. G. hirsutus.—Sweet-scented large pink blooms with white stripes, 5s. per doz. G. psitticinus.—Four foot stems with scarlet and yellow flowers. Blooms late summer. Bulbs from May to December 5s. per doz.

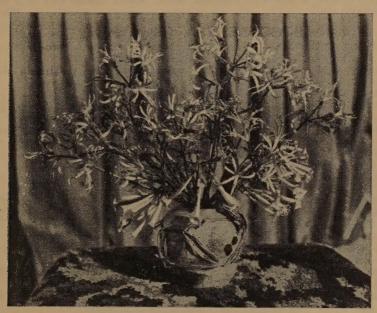
> 2s. 6d. per doz. * No seed this season. † No bulbs this season.

pink, $1\frac{1}{2}$ ins.

W. roseo-alba.—Fan of short broad leaves, 4 ins., flower spike 12 ins., blooms

W. brevifolia.—18 ins., a rich orange
W. meriana var.—Smaller than the type, 2 ft., more compact flowering habit.
old rose colour
of small pale pink flowers; an attractive species 4s. 6d. per doz. W. Wordsworthiana.—Leaves 2 ft., stem 3 ft., flowers a mauve pink,
2 ins. across
W. Vanderspuyae.—Broad leaves and tall spike of red flowers 9d. each W. Vanderspuyae hybrid.—8 ft., flowers a good pink 9d. each.
→ W. tabularis.—Evergreen, summer flowering, flowers large, peach coloured;
a very handsome species
and apricot
Chasmanthe floribunda.—Habit of Watsonia. Stems 3 ft., with Montbretia-like double comb of orange-yellow flowers

AMARYLLIDACEÆ.



Nerine filifolia and Cyrtanthus lutescens.

N. lucida.—Grass-leaved, large robust umbels of pink flowers 1s. each. N. lucida.—Grass-leaved, large robust unibers of plant library.
N. appendiculata.—Narrow, upright leaves, large umbels, pink .. 1s. each.
N. Bowdenii.—Grass-leaved, compact umbel, pink flowers 9d. each. Seed of Nerine and Haemanthus species must be sent off as it ripens as it should be sown in six weeks of ripening. Seed January to April according to species. Bulbs sent in December to January often flower soon after reaching destination. Vallota purpurea.—Robust, stem 12 to 15 ins., with an umbel of six or seven large ruby-red lily-like blooms, flowers late summer, large bulb. Seed also. Bulbs from May to August 18s. per doz. 2s. 6d. each. Cyrtanthus lutescens.—Similar to a narcissus in habit of growth; stems 15 subject 5s. per doz. Cyrtanthus species.—Red, like C. parviflorus, but flowers somewhat larger. 5s. per doz. Cyrtanthus hybrid.—As C. lutescens, but flowers flushed pink. 5s. per doz. C. sanguineus.—The best Ifafa Lily with large campanulate red flowers. 1s. each. Childanthus fragrans.—A native of Chili. Like a large yellow Cyrtanthus, solitary, starlike, on 6 to 10 ins. stalks, with dark metallic blue or green twisted tuft 6d. each.

SUCCULENTS. (Seed only.)

Argyroderma testiculare.—A silver grey, almost spherical, two-leaved plant, $1\frac{1}{2}$ ins. across, flowers yellow, pink or white.

Cheirodopsis cigarettifera.—Close tufts of erect leaves in pairs in sheaths,

flowers canary yellow.

C. tubercularia.—Larger than the preceding, flowers yellow.

Didymaotus lapidiformis.—Very rare stone-like plant, leaves fleshy, paired,

Faucaria tigrina.—The Tiger-mouth Mesem, leaves edged with long teeth in neat rosettes, flowers bright yellow, 2 ins. across.

Pleiospilos Bolusii.—Two large almost stone-like leaves, flowers large vellow, $2\frac{1}{2}$ ins. across.

P. Dekenahi.—Leaves large grey, angular, in pairs, flowers large yellow, $2\frac{1}{5}$ ins. across.

P. roodiae. Leaves two, rounded, fleshy pale green or brownish, flowers yellow, $1\frac{1}{4}$ ins. across.

P. simulans.—Similar to P. Bolusii, but leaves longer and flat topped, flowers yellow, $2\frac{1}{2}$ ins.

Rimaria Heathii.—A dome-like clump of pale grey green, spherical growths, flowers white.

Glottiphyllum sp.-Large ribbed rosettes of smooth fleshy leaves, flowers yellow, sessile.

Gibbaeum perviride.—Dense mats of green shark's-mouth leaves, flowers

Stapelia desmetiana.—Angled upright fleshy stems, 3 ins.

Crassula Archeri.—Square, columnar, branched with densely packed leaves, dense terminal and lateral tufts of white flowers.

C. falcata.—Large grey falcate leaves, magnificent corymbs of scarlet flowers. the most showy Crassula.

C. perfossa. Handsome bushy plant for dry rock garden, shades of grey and pink.

C. rhomboidea.—Semi-compact, flat-topped with silver-grey rhomboid leaves. Cotyledon sp.—18 ins., large fleshy grey leaves, spike with head of dropping red flowers.

* No seed this season.

⁺ No bulbs this season.

VARIOUS.

Wachendorfia thyrsiflora.—Waterside, 3 ft. sword-like ribbed leaves, stem 5 ft., flowers brownish. Seed only.

pot culture. Free flowering, yellow with dark eye.

Pycnostachys urticaefolia.—Tall Salvia-like perennial, 6 ft., flowers small,

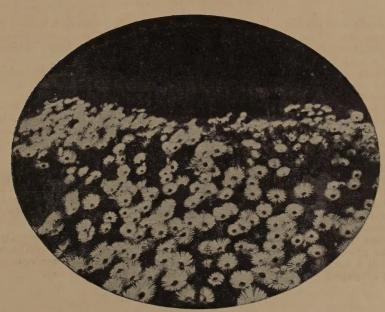
deep blue, in compact heads.

Roella ciliata.—Ericoid shrublet, 9 ins., flowers large, Campanula-like, zoned in shades of indigo blue.

Sutera stenophylla.—A small free-flowering shrub, 15 ins., flowers small pale lavender in feathery racemes.

ANNUALS AND PERENNIALS.

Heliophila sp.—Open branched annual, 18 ins., with small bright blue flowers.



Dorotheanthus criniflorus.

Dorotheanthus criniflorus.—A small attractive annual mesem, with glistening leaves, free flowering, flowers pink-flushed on white or buff background, 2 ins. across.

* No seed this season.

+ No bulbs this season.

Charleis heterophylla.—An erect annual, 9 ins., royal blue. Aster elongatus.—Dwarf perennial, flowers white with reddish purple zone and yellow disc; very fine.

Felicia capensis.—Blue, prolonged flowering, evergreen bush, 12 ins.

F. rotundifolia.—A free flowering evergreen shrub, 8 ins., flowers blue, smaller than the succeeding.



Felicia echinata var. paralia.

F. echinata var. paralia.—Dark evergreen shrub, 2 ft., flowers blue and yellow. F. bergeriana.—Low spreading annual, flower stalks 6 ins., deep vivid blue. Dimorphotheca Ecklonis.—Evergreen shrub, 3 ft., flowers large, white, blue disc and lavender reverse, 31 ins. across.

D. sinuata.—Annual, growth lax 12 ins., flowers rich orange with dark centre

and narrow dark zone, 21 ins. across.

D. calendulacea.—Free-flowering annual, 12 ins., brownish-yellow.

D. carendulacea.—Free-nowering annual, 12 lins., blowinsh yellow.

D. aurantiaca.—Smooth grey-green foliage, flowers $2\frac{1}{2}$ ins., soft golden-orange.

Ursinea anethoides.—Annual, growth lax 12 ins., flowers orange with dark crimson zone marked with black, $2\frac{1}{2}$ ins. across, leaves finely cut.

U. anthemoides.—As above, but flowers yellow or orange with narrow black

zone and tinted reverse.

U. pulchra.—Like U. anethoides but smaller.

U. versicolor.-Flowers orange with brown centre and zone, tinted reverse, $2\frac{1}{4}$ ins. across.

Arctotis leptorhiza.—Similar to the above, but flowers yellow with black ring. A. laevis. Large flowers in fine range of colours, flowering early as an annual, 11 ft.

Venidium fastuosum.—The splendid new orange and purple black novelty, 2 ft. Gazania pavonia.—Evergreen with dark leaves, flowers on 9-in. stalks, orange with a broad dark zone, 3 ins. An excellent plant for borders.

Gazania species.—Similar to preceding, but flowers tawny-red.

* No seed this season.

† No bulbs this season.

Inquiries from customers interested in South African plants are always welcome, and I will endeavour to obtain bulbs and seed of species not listed above.